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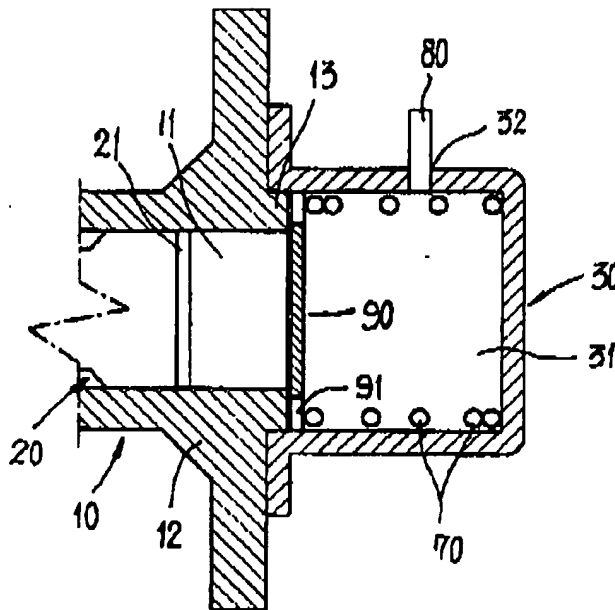
PARK, JEONG SIK

(30) Priority:

(54) Title of Invention

REFRIGERANT GAS DISCHARGING DEVICE OF COMPRESSOR

Representative drawing



(57) Abstract:

PURPOSE: A refrigerant gas discharging device of compressor is provided to simplify structure thereof and to reduce resistance in a discharge passage of refrigerant gas.

CONSTITUTION: A discharging device includes a head cover(30); a discharge valve(10); and a spring(70). The head cover is installed to one side of a cylinder (10) having a piston(20) inserted therein to cover a penetrating hole(11) where the piston is inserted. The discharge valve is formed annularly, which has multiple gas penetrating grooves(1) on the edge thereof for gas to flow and is inserted into a receiving space(31) of the head cover to open and close the penetrating hole of the cylinder. The spring is inserted into the receiving space of the head cover to elastically support the discharge valve. Compressed refrigerant gas is discharged through the gas penetrating grooves of the discharge valve and the penetrating hole of the head cover to simplify discharge passage to reduce resistance in a flowing passage of the refrigerant gas discharged.

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